

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	2	"20040240327" .did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/22 15:26
L6	1	"6714370"	US-PGPUB; USPAT	OR	OFF	2006/04/22 15:42
L7	34	(US-20050052771-\$ or US-20030128635-\$ or US-20020191320-\$ or US-20050193405-\$ or US-20020192506-\$ or US-20040001420-\$ or US-20060044661-\$ or US-20050190479-\$ or US-20030128633-\$ or US-20030128452-\$ or US-20030112542-\$ or US-20050071859-\$ or US-20010006436-\$ or US-20010017820-\$ or US-20060005216-\$ or US-20050289576-\$ or US-20040062152-\$ or US-20020167870-\$ or US-20010009541-\$ or US-20050157597-\$ or US-20040240327-\$ or US-20040001394-\$).did. or (US-6975580-\$ or US-6876604-\$ or US-6714370-\$ or US-6982844-\$ or US-6944112-\$ or US-6873576-\$ or US-5986978-\$).did. or (WO-2005034093-\$).did. or (US-20040001420-\$ or US-20030021191-\$ or US-20010006436-\$ or US-20050190479-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/22 15:53
L8	8	(US-20020191320-\$ or US-20020192506-\$ or US-20030128452-\$ or US-20030112542-\$ or US-20040240327-\$ or US-20040001394-\$).did. or (US-6873576-\$ or US-5986978-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/04/22 15:53

## EAST Search History

S1	2065	thermomagnetic thermo?magnetic HAMR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 15:22
S2	6005443	heat therm\$6 optic\$6 radiat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:18
S3	786912	assist\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:18
S4	2451651	maximum greatest strongest slope steep\$4 sharp\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:18
S5	1150793	profile gradient gradi?nt spot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:19
S6	2160049	edge penumbra	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:19
S7	3640991	main core write pole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:19
S8	17304	S2 near3 S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:19
S9	28290	S4 near3 S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:20
S10	29	(S1 S8) and (S9 same S7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:21

## EAST Search History

S11	379	(S1 S8) and (S6 with S7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:58
S12	289	S11 and (S4 S5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:21
S13	98	(369/13.33).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:58
S14	141	(369/13.32).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:59
S15	110	(369/13.24).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:59
S16	42	(369/13.23).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:59
S17	51	(369/13.22).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:59
S18	55	(369/13.2).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 20:59
S19	159	(369/13.17).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 21:00
S20	43	(369/13.12).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 21:00

## EAST Search History

S21	153	(369/13.02).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 21:00
S22	119	(369/13.01).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 21:00
S23	62	(720/659).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 21:00
S24	958	S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 21:00
S25	25	(US-20060044661-\$ or US-20050190479-\$ or US-20050052771-\$ or US-20030128452-\$ or US-20030112542-\$ or US-20020191320-\$ or US-20030128633-\$ or US-20030128635-\$ or US-20060005216-\$ or US-20050289576-\$ or US-20050193405-\$ or US-20050071859-\$ or US-20040062152-\$ or US-20040001420-\$).did. or (US-6982844-\$ or US-6714370-\$ or US-6944112-\$ or US-6975580-\$ or US-6876604-\$ or US-6873576-\$).did. or (WO-2005034093-\$).did. or (US-20050190479-\$ or US-20040001420-\$ or US-20030021191-\$ or US-20010006436-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/13 22:02
S26	4	(US-20030128452-\$ or US-20030112542-\$ or US-20020191320-\$).did. or (US-6873576-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/13 22:03

## EAST Search History

S27	26	("20020003752" "20020056816" "20020080709" "20020114567" "20010006436" "20010009541" "20010017820" "20020141118" "20020167870" "20020192506" "20030112542" "20030123335"). did. ("6597715" "5125750" "5317800" "5602820" "5930434" "5986978" "6016290" "6043940" "6055220" "6275453" "6298026" "6404706" "6408123" "6504796"). pn.	US-PGPUB; USPAT	OR	OFF	2006/04/19 15:29
S28	8	S27 and gradi\$7	US-PGPUB; USPAT	OR	OFF	2006/04/19 15:29
S29	6	(US-20020191320-\$ or US-20020192506-\$ or US-20030128452-\$ or US-20030112542-\$).did. or (US-6873576-\$ or US-5986978-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/04/21 18:09
S30	26	("20020003752" "20020056816" "20020080709" "20020114567" "20010006436" "20010009541" "20010017820" "20020141118" "20020167870" "20020192506" "20030112542" "20030123335"). did. ("6597715" "5125750" "5317800" "5602820" "5930434" "5986978" "6016290" "6043940" "6055220" "6275453" "6298026" "6404706" "6408123" "6504796"). pn.	US-PGPUB; USPAT	OR	OFF	2006/04/21 18:09
S31	3	S29 not S30	US-PGPUB; USPAT	OR	OFF	2006/04/21 18:10

## EAST Search History

S32	31	(US-20060005216-\$ or US-20050289576-\$ or US-20050052771-\$ or US-20030128635-\$ or US-20020191320-\$ or US-20020192506-\$ or US-20040001420-\$ or US-20060044661-\$ or US-20050193405-\$ or US-20030128633-\$ or US-20030128452-\$ or US-20050190479-\$ or US-20050071859-\$ or US-20010017820-\$ or US-20010006436-\$ or US-20030112542-\$ or US-20040062152-\$ or US-20020167870-\$ or US-20010009541-\$).did. or (US-6982844-\$ or US-6975580-\$ or US-6944112-\$ or US-6714370-\$ or US-6876604-\$ or US-6873576-\$ or US-5986978-\$).did. or (WO-2005034093-\$).did. or (US-20040001420-\$ or US-20030021191-\$ or US-20010006436-\$ or US-20050190479-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/21 18:16
S33	7346	waveguide and pin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/22 13:16
S34	227389	magnetic with recording	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/22 13:16
S35	1681838	therm\$5 heat\$5 with assist\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/22 13:17
S36	23	S33 and (S34 same S35)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/22 14:49